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→ PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No.	4688C1
		First Inventor	Jeffrey S. Nelson
		Title	Reagents for Oligonucleotide Cleavage and Deprotection
		Express Mail Label No.	EL 897 624 502 US

USPTO
10/091,231
121603

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO:	
		Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 36]</p> <p><i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 7]</p> <p>5. Oath or Declaration [Total Pages 2]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i></p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.</p>		<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <p>a. <input checked="" type="checkbox"/> Request to Use Computer Readable Copy (CRF) from USSN 10/091,231</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input checked="" type="checkbox"/> Paper Copy (Identical to Computer Copy in USSN 10/091,231)</p> <p>c. <input checked="" type="checkbox"/> Statement verifying identity of above copies</p>	
ACCOMPANYING APPLICATION PARTS			
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Certified Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: Transmittal of Cont. Pat. App. Under 37 CFR 1.53(b)</p>			

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No. 10/091,231 filed March 4, 2002

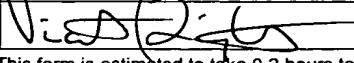
Prior application information: Examiner: Traviss C. McIntosh III Group Art Unit: 1623

For **CONTINUATION OR DIVISIONAL APPS** only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	22896	<input type="checkbox"/> Correspondence address below
---	-------	---

Name	Vincent P. Liptak			
Address	Applied Biosystems 850 Lincoln Centre Drive			
City	Foster City	State	California	Zip Code
Country	US	Telephone	650-638-6895	Fax
				94404
				650-638-6677

Name (Print/Type)	Vincent P. Liptak	Registration No. (Attorney/Agent)	53,225
Signature			Date
			December 16, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2004

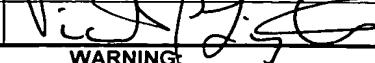
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 770.00)

Complete if Known	
Application Number	To be assigned
Filing Date	December 16, 2003 (herewith)
First Named Inventor	Jeffrey S. Nelson
Examiner Name	To be assigned
Group Art Unit	To be assigned

Attorney Docket No. 4688C1

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: Deposit Account Number 01-2213 Deposit Account Name Applied Biosystems <input checked="" type="checkbox"/> Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES Large Entity Small Entity <table border="1"> <thead> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051 65 Surcharge – late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052 25 Surcharge – late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053 130 Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2520</td><td>1812 2520 For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804 920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1840*</td><td>1805 1840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251 55 Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252 210 Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253 475 Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1480</td><td>2254 740 Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2010</td><td>2255 1005 Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401 165 Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402 165 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403 145 Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1510</td><td>1451 1510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452 55 Petition to revive – unavoidable</td><td></td></tr> <tr><td>1453</td><td>1330</td><td>2453 665 Petition to revive – unintentional</td><td></td></tr> <tr><td>1501</td><td>1330</td><td>2501 665 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502 240 Design issue fee</td><td></td></tr> <tr><td>1503</td><td>640</td><td>2503 320 Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460 130 Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807 50 Processing fee for provisional applications</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806 180 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021 40 Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>770</td><td>2809 385 Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>770</td><td>2810 385 For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>770</td><td>2801 385 Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802 900 Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="2">Other fee (specify) _____</td><td></td><td></td></tr> <tr> <td colspan="2">SUBTOTAL (1) (\$ 770.00)</td> <td colspan="2">SUBTOTAL (3) (\$ 0)</td> </tr> <tr> <td colspan="2"> 2. 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SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Vincent P. Liptak	Registration No. (Attorney/Agent)	53,225	Telephone 650-638-6895
Signature		Date	December 16, 2003	

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

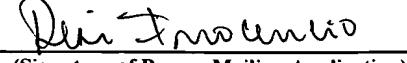
CERTIFICATION UNDER 37 CFR 1.10

Express Mail Number: **EL 897 624 502 US**

Date of Deposit: **December 16, 2003**

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Desi Inocencio
(Print Name of Person Mailing Application)


(Signature of Person Mailing Application)

Docket No. 4688C1

**Transmittal of Continuation Patent Application
For Filing Under 37 CFR 1.53(b)**

PRIOR APPLICATION: Examiner: Traviss C. McIntosh III Art Unit: 1623

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is a request for filing a continuation divisional application under 37 CFR 1.53(b), of pending prior application serial no. 10/091,231 filed on March 4, 2002 by Jeffrey S. Nelson entitled

Reagents for Oligonucleotide Cleavage and Deprotection

1. Enclosed are:

- One stamped, self-addressed postcard for PTO datestamp.
- Certificate of Express Mail.
- One utility patent application containing text pages 1 – 36 and
 - 7 sheets of formal informal drawings.
- Application Data Sheet.
- Copy of executed Declaration of Inventorship from parent application serial no. 10/091,231.
- Sequence Listing printout, Request to Use from prior application, and matching Declaration.
- A Preliminary Amendment.
- A new Power of Attorney.

2. Amendment

- Please enter the enclosed Preliminary Amendment before calculating the filing fee. It is understood that only amendments reducing the number of claims will be entered for this purpose.
- Please cancel original claims 1 – 63, inclusive, before calculating the filing fee. (At least one original independent claim should be retained for filing purposes.)
- Amend the specification by inserting before the first line the sentence: -- This application is a divisional / continuation of application serial no. _____ filed _____ which is a divisional / continuation of application serial no. _____ filed _____ . --

3. Extension of Time

- A petition for extension of time has been filed in the parent to extend the pendency of the parent to _____ (copy enclosed).
- Conditional Petition for Extension of Time: An Extension of Time is requested to provide for timely filing *if* required to establish copendency with the parent after all papers filed herewith have been considered.

4. Prior Documents Still in Effect

This application and parent application Serial No. 10/091,231 filed March 4, 2002 are assigned of record to Applera Corporation.

Power of attorney in the above-identified prior application is to Vincent M. Powers, Reg. No. 36,246, and the other attorneys or agents identified therein.

5. Fees

The filing fee is calculated below taking into account any amendments in section 2 above:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
TOTAL CLAIMS	20 - 20	0	X \$18	\$0.00
INDEPENDENT CLAIMS	1 - 3	0	X \$86	\$0.00
BASIC FEE				\$770.00
Multiple Dependency Fee If Applicable \$290.00				
Total				\$770.00
50% Reduction for Independent Inventor, Non-profit Organization or Small Business Concern				
TOTAL FILING FEE				\$770.00

The Commissioner is hereby authorized to charge the filing fee, any deficiency in fees under 37 CFR 1.16 and 1.17, or any other fees necessary for timely filing of this application, or credit any overpayment to Deposit Account No. 01-2213. A duplicate copy of this sheet is enclosed.

A check in the amount of \$ _____ is enclosed.

Filing fee to be submitted in response to anticipated receipt of Notice to File Missing Parts.
DO NOT CHARGE DEPOSIT ACCOUNT

Respectfully submitted,



Vincent P. Liptak, Reg. No. 53,225

Dated: December 16, 2003

Correspondence Address:

Customer Number 22896
Applied Biosystems
Patent Department M/S 432-2
850 Lincoln Centre Drive
Foster City, California 94404
Telephone: 650-638-6895
Facsimile: 650-638-6677

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Jeffrey S. Nelson

Serial No.: To be assigned

Filed: December 16, 2003 (herewith)

For: **REAGENTS FOR OLIGONUCLEOTIDE
CLEAVAGE AND DEPROTECTION**

) Group Art Unit: To be assigned

)

) Examiner: To be assigned

)

CERTIFICATE OF EXPRESS MAILING

Express Mail No.: EL 897 624 502 US

I hereby certify that this correspondence is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" on the date indicated below addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Desi Inocencio December 16, 2003
Desi Inocencio Date

STATEMENT UNDER 37 CFR § 1.821

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, Vincent P. Liptak, declare and affirm as follows:

1. I am an agent for the applicant.
2. The floppy disc of record in the parent application contains the required sequence listing.
3. The content of the paper form of the sequence listing recorded on said disc matches the content of the sequence listing enclosed herewith.
4. I hereby state that this submission, filed in accordance with 37 C.F.R. § 1.821(g), does not include new matter.

Respectfully submitted,



Vincent P. Liptak, Reg. No. 53,225
Agent for Applicant

Date: December 16, 2003

Correspondence Address
Customer Number 22896
APPLIED BIOSYSTEMS
850 Lincoln Centre Drive
Foster City, CA 94404
(650) 638-6895 (Phone)
(650) 638-6677 (Fax)